

Abstract

The present invention relates to an improved method of de-jittering MPEG-2 and MPEG-4 data that is transmitted over a network. First, a network system jitter associated with periodic reference data packets is estimated. Then, the estimated system jitter is used to adjust clock-stamped reference values in the data packets before they are provided to the PLL for clock synchronization. The invented de-jittering method improves the PLL's ability to synchronize the MPEG data and provides for a better quality playback.